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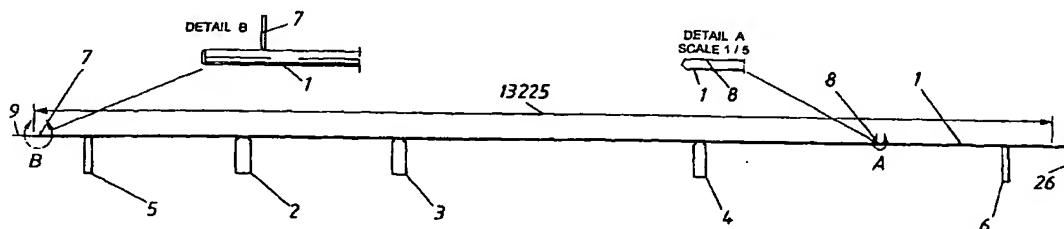
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(54) Title: METHOD TO SUPPLY ELECTRIC CURRENT TO A TUBE FURNACE



(57) Abstract: The present invention relates to a method of transmitting electric current to a furnace which is heated, either completely or partially, by electric current transported in the furnace wall (1), wherein said current is caused to be transmitted through devices (2-8) connected to or in abutment with said furnace wall. The invention is characterised by giving at least one of the devices (2-4) in the close proximity of the furnace wall (1) a section (10-12) that has a smaller cross-sectional area than the remaining part of said smaller section (10-12) in a magnitude that will correspond essentially or totally to the heat magnitude (14) that would have been transported from the furnace wall (1) to the device (2-4) in the absence of said smaller cross-sectional area. The invention also relates to an arrangement.